

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
8 January 2004 (08.01.2004)

PCT

(10) International Publication Number
WO 2004/003073 A1

(51) International Patent Classification⁷: C08L 23/10, B29C 45/00 // (C08L 23/10, 23:08)

(21) International Application Number: PCT/EP2003/006097

(22) International Filing Date: 11 June 2003 (11.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 02014214.7 26 June 2002 (26.06.2002) EP

(71) Applicant (for all designated States except US): BASELL POLIOLEFINE ITALIA S.P.A [IT/IT]; Via Pergolesi 25, 20124 Milano (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): PELLICONI, Antonio [IT/IT]; Via Volta, 22, 45030 Santa Maria Maddalena, Rovigo (IT). ANGELINI, Antonella [IT/IT]; Via Val Trebbia, 16, 44100 Ferrara (IT). SGARZI, Paola [IT/IT]; Via Borgo dei Leoni, 83, 44100 Ferrara (IT).

(74) Agents: GAVERINI, Gaetano et al.; Basell Poliolefine Italia S.p.A., Intellectual Property, Via Pergolesi, 25, I-20124 Milano (IT).

(81) Designated States (national): AU, BR, CA, CN, CO, CZ, HU, ID, IL, IN, JP, KR, MX, NO, PH, PL, RO, RU, SG, SK, UA, US, YU, ZA.

(84) Designated States (regional): European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
- of inventorship (Rule 4.17(iv)) for US only

Published:

- with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 2004/003073 A1

(54) Title: IMPACT-RESISTANT POLYOLEFIN COMPOSITIONS

(57) **Abstract:** Polyolefin compositions comprising (percent by weight): 1) 55-80% of a crystalline propylene homopolymer or copolymer containing up to 15% of ethylene and/or C₄-C₁₀ α -olefin(s) and having an MFR value of at least 15 g/10 min, and 2) 20-45 wt% of a copolymer of ethylene with one or more C₄-C₁₀ α -olefin(s) containing from 10 to 4 wt% of said C₄-C₁₀ α -olefin(s). The said compositions have values of MFR equal to or higher than 15 g/10 min, a total content of ethylene of 20% or more, a total content of C₄-C₁₀ α -olefin(s) of 4.5% or more, a ratio of the total content of ethylene to the total content of C₄-C₁₀ α -olefin(s) of 2.3 or more, and an intrinsic viscosity value of the fraction soluble in xylene at room temperature of 1.7 dL/g or less.

INTERNATIONAL SEARCH REPORT

Inte
nal Application No
PCT 03/06097

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08L23/10 B29C45/00 // (C08L23/10, 23:08)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C08L B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 541 260 A (PELLICONI ANTEO ET AL) 30 July 1996 (1996-07-30) abstract column 1, line 5 -column 3, line 40; examples; tables 2-4 ---	1,2,4-10
Y	column 1, line 5 -column 3, line 40; examples; tables 2-4 ---	1-10
Y	US 4 734 459 A (CECCHIN GIULIANO ET AL) 29 March 1988 (1988-03-29) cited in the application abstract column 1, line 6 -column 2, line 46; tables I-II ---	1-10 -/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the international search

25 September 2003

Date of mailing of the international search report

08/10/2003

Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Droghetti, A

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03/06097

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 936 248 A (TOYOTA MOTOR CO LTD ;GRAND POLYMER CO LTD (JP)) 18 August 1999 (1999-08-18) abstract page 1, line 5 -page 2, line 19 page 2, line 50 - line 55 examples; tables 1-8 page 8, line 24 - line 41 -----	1-10
A	WO 01 19915 A (FERRARI PAOLO ;PELLICONI ANTEO (IT); SGARZI PAOLA (IT); CECCHIN GI) 22 March 2001 (2001-03-22) cited in the application abstract column 1, line 9 -column 3, line 52; examples; tables 1,2 -----	1-10

INTERNATIONAL SEARCH REPORT

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